

October 16, 1985

TO: File ACT/027/006

FROM: Jim Fricke, Reclamation Hydrologist *JRF*
Richard V. Smith, Geologist *RVS*

RE: File Update and Field Inspection

Location:

The Cricket Mountain Lime Quarry is located in southeast Millard County in Township 21 South, Range 10 West, Sections 25 and 36. The site can be accessed on State Highway 257 by proceeding south of Delta for 32 miles. The quarry is located six miles west of the Continental Lime processing plant.

File Summary:

Continental Lime Incorporated submitted their Annual Operations and Progress Report for 1984. Disturbed area as of December 1984 totals 20 acres. The operator purchased a new bond (#B52 91 16) and the old bond (#345 70 76) was released with approval from the Division. The bond is in the amount of \$38,202.00.

Field Inspection:

The limestone quarry occurs at the base of Poison Mountain. The crushing and sorting facilities consist of a single impact crusher and a three deck screen. A lunchroom and truck storage area exist southwest of the crusher facility. Located north of the truck storage area is the refuse stockpile. This stockpile is approximately 100 feet high by 174,240 feet square. There are seven working benches accessed by a haul road at the west side of the quarry site. The quarry site was accessible without security measures or warning signs.

Recommendations:

1. The Division should request the operator to submit an updated map of the quarry. This is a requirement of the Annual Operations and Progress Report, according to Rule M-8(b)(3).
2. The present bond estimate of \$38,020.00 does not seem adequate. The refuse stockpile has a volume of approximately 645,333 cubic yards. It is doubtful if this volume of material could be reclaimed for \$38,020.00.

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3. There are several safety hazards at the mine site. The site can be accessed without the proper warning signs (Rule M-10). The refuse stockpile is 100 feet high and has the potential to slump. Warning signs should be placed at the bottom of the stockpile on the northwest side. The highwalls of the quarry also present a hazard and should be posted. The quarry site is often shut down when the mill has adequate supply of ore. The quarry is left unsecured at these times and easily accessible by the public.

btb

cc: Pam Grubaugh-Littig
John Whitehead

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